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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/614,629	07/03/2003	Deanna Lynn Quigg Brown	AUS920030412US1	7818

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IBM CORP (YA)
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EXAMINER

HUSSAIN, TAUQIR

ART UNIT	PAPER NUMBER
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2152

NOTIFICATION DATE	DELIVERY MODE
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02/26/2008

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ptonotifs@yeeiplaw.com

Office Action Summary

Application No.

10/614,629

Applicant(s)

BROWN ET AL.

Examiner

Tauqir Hussain

Art Unit

2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 January 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This office action is in response to amendment /reconsideration filed on 12/04/2007, the amendment/reconsideration has been considered. Claims 8 and 15 have been amended, Claim 21 is newly added and therefore, claims 1-21 are pending for examination, the rejection cited as stated below.

Response to Arguments

2. Applicant's arguments filed on 12/04/2007 have been fully considered but they are not deemed to be persuasive. In the remarks, applicant argued in substance that

(a) Hutchinson does not teach, "any use of a subnet mask and therefore, does not teach specific steps of identifying a subnet mask using a request that was received, or returning a response that includes a subnet mask".

As to point (a) Examiner respectfully disagree and suggest, giving the broadest interpretation to the claim as it is presently written, it is well known in the art that in IP-network it is inherent to have a subnet mask where by default it is 255.0.0.0 for class A, 255.255.0.0 for Class B and 255.255.255.0 for Class C, associated with each IP address and since an IP address is assigned to a network card where each network card inherently has a MAC address burned to the hardware itself and therefore, any time network card receives the packet or sends the packet as showed in Hutchinson, Fig.13, all three information goes along together.

(b) Applicant argues that combined teachings of cited references, "Hutchinson and Bullman" does not establish a teaching/suggestion of "a same device that

requested host information also generates a wake up packet using this same (request) host information".

As to point (b), Examiner respectfully disagree and suggest combining the Bullman, [0017], "standardized wake-up packet" with the teachings of Hutchinson, would be obvious to one ordinary skilled in the art to reuse existing well-defined network components such as MAC devices and drivers from a technical perspective.

(c) Applicant argues that cited references does not discloses, "wherein the data processing system is a domain name server".

As to point (c) Examiner respectfully disagree, as Hutchinson discloses a DNS server returning an IP address of a webpage server and further combining the operations of existing two or more servers will be an obvious variation in the art.

(d) Applicant argues citing, Harrison, [0191], does not teach, "wherein in MAC address and the subnet mask are stored together in a record for both a name-to-address file and an address-to-name file" and does not teach any type of storing operation at all.

As to point (d) Examiner respectfully reiterate that under 103 rejection, it will be obvious to one ordinary skilled in the art to modify the prior teaching of collecting name-to-address or address-to-name or combination of both and cited reference "Hutchinson, [0191], "online distributed database system" which means information does get stored in database at some point in time.

(e) Applicant argues that cited reference "Matsuda" does not teach, "subnet mask".

As to point (e), Examiner's respectfully disagrees and cites, Matsuda, Fig.7, element-702 teaches, acquiring MAC address against suggested name and IP address where obviously subnet mask is associated with IP address.

(f) Applicant argues that cited references does not teach, "wherein the media access control address and the subnet are received from a user submitting the media access control address and the subnet mask and are stored in a data processing system for the data processing system".

As to point (f) Examiner respectfully disagrees and suggests in light of the response to point (e) above, Bahl, Col.9, lines 1-9, discloses that MAC address and IP mappings are already stored already and if criteria matches than DHCP offers the IP address, which means MAC to IP and subnet address mapping is taking place before offering an IP from DHCP.

3. Any remark, which is not in claimed language, is not being considered by Examiner.

Response to Amendment

Claim Rejections - 35 USC § 102

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 1, 8 and 15 are rejected under 35 U.S.C. 102(e) as being anticipated by Hutchison et al. (Patent No.: US 7,249,191 B1), hereinafter "Hutchison".

Claim Rejections - 35 USC § 103

6. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
7. Claims 2, 9 and 16, are rejected under 35 U.S.C 103(a) as being unpatentable over Hutchison in view of Bullman et al. (Pub. No.: Us 2002/0162038 A1), hereinafter "Bullman".
8. Claims 3,6,7,10,13,14,17 and 20 are rejected under 35 U.S.C 103(a) as being unpatentable over Hutchison as applied to claim 1,8 and 15 above, in view of Harrison et al. (Pub. No.: US 2004/0177133 A1), hereinafter "Harrison".
9. Claims 4, 11 and 18 are rejected under 35 U.S.C 103(a) as being unpatentable over Hutchison as applied to claims 1,8 and 15 above, in view of Matsuda et al. (Patent No.: US 7039688 B2), hereinafter "Matsuda".
10. Claims 5,12, 19 and 21 are rejected under 35 U.S.C 103(a) as being unpatentable over Hutchison as applied to claim 1,8 and 15 above, in view of Bahl (Patent No.: US 6,957,276 B1), hereinafter "Bahl".
11. Hutchinson et al., Bullman et al., Harrison et al. and Matsuda et al. were cited in previous rejections, the teachings that are applicable, hereby incorporated by references.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tauqir Hussain whose telephone number is 571-270-1247. The examiner can normally be reached on 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571 272 3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

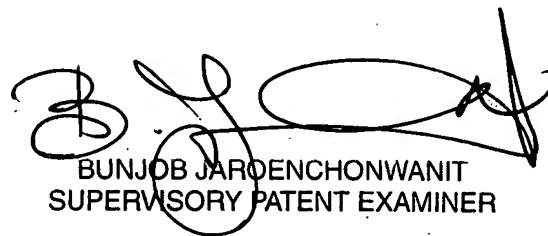
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

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For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TH

02/05/2008



BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER